

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Joseph J. Kirkland et al.

Serial No.: Unknown

Examiner: Unknown

Filing Date: Herewith

Group Art Unit: Unknown

Title: Porous Silica Microsphere Scavengers

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97 (c) together with either a:
 - () Statement under 37 CFR 1.97(e), or
 - () a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
 - () Statement under 37 CFR 1.97(e), and
 - () a petition under 37 CFR 1.97(d)(2), and
 - () a \$130.00 petition fee set forth in 37 CFR 1.17(i).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

By Scott D. Rothenberger

Scott D. Rothenberger

Attorney/Agent for Applicant(s)
Reg. No. 41,277_

Date: 10/28/03

Telephone No.: 612-340-8819


STATEMENT

Copies of the references cited are not enclosed, as allowed under 37 C.F.R. 1.98(d). Each item on the enclosed Form PTO -1449 was cited to, or cited by, the Office in United States Patent Application No. 10/278,517, filed on October 23, 2003, to which priority to an earlier effective filing date is claimed under 35 U.S.C. § 120, in the present application.

Respectfully Submitted,

Dorsey & Whitney LLP

Date: October 21, 2003

By: 

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number Unknown

Filing Date Herewith

First Named Inventor Joseph Kirkland

Art Unit Unknown

Examiner Name Unknown

Sheet 1 of 3

Attorney Docket Number 11047.03

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,104,426	08/1978	Iler et al.	
		US- 4,804,686	02/1989	Regnier et al.	
		US- 4,847,159	07/1989	Glaijch et al.	
		US- 4,874,518	10/17/1989	Joseph Kirkland et al.	
		US- 5,013,585	05/07/1991	Shimizu et al.	
		US- 5,032,266	07/16/1991	Joseph Kirkland et al.	
		US- 5,063,179	11/1991	Menashi et al.	
		US- 5,087,671	02/11/1992	Richard N. Loeppky et al.	
		US- 5,108,595	04/28/1992	Joseph Kirkland et al.	
		US- 5,230,806	07/27/1993	James S. Fritz et al.	
		US- 5,244,582	09/14/1993	Richard N. Loeppky et al.	
		US- 5,352,645	10/1994	Schwartz	

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		GB	2127002A	04/04/1984	Toyo Soda Manufacturing		<input type="checkbox"/>	<input type="checkbox"/>
		GB	2001044A	01/24/1979	Stamicarbon B.V.		<input type="checkbox"/>	<input type="checkbox"/>
		GB	1563739	03/26/1980	Union Carbide		<input type="checkbox"/>	<input type="checkbox"/>
		GB	1555230	11/07/1979	DuPont		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0227346A	07/01/1987	Unilever		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0816309A1	01/07/1998			<input type="checkbox"/>	<input type="checkbox"/>
		EP	0818434A1	01/14/1998			<input type="checkbox"/>	<input type="checkbox"/>
		EP	0825164A2	02/25/1998			<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Application Number

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Filing Date

Herewith

First Named Inventor

Joseph Kirkland

Art Unit

Unknown

Examiner Name

Unknown

Sheet

2

of

3

Attorney Docket Number

11047.03

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
		Derwent abstract of JP 8157643	<input type="checkbox"/>	<input type="checkbox"/>
		Derwent abstract of JP 1230421	<input type="checkbox"/>	<input type="checkbox"/>
		Derwent abstract of JP 56026258	<input type="checkbox"/>	<input type="checkbox"/>
		Tetrahedron Letters, Vol. 38, No. 19, pp. 3357-3369 (1997) "Rapid Purification of Small Molecule Libraries by Ion Exchange Chromatography Siegle, et al.	<input type="checkbox"/>	<input type="checkbox"/>
		Journal of the American Chemical Society 97:15, July 23, 1975, "Probes for the study of Acylation Reactions", J. Rebek et al.	<input type="checkbox"/>	<input type="checkbox"/>
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Sheet 3 of 3 Attorney Docket Number 11047.03

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		US- 5,681,789	10/1997	Saxton et al.	
		US-			
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		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0221780A	05/13/1987	Dupont		<input type="checkbox"/>	<input type="checkbox"/>
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